

***In the Senate of the United States,***

*November 13, 1997.*

*Resolved*, That the bill from the House of Representatives (H.R. 1271) entitled “An Act to authorize the Federal Aviation Administration’s research, engineering, and development programs for fiscal years 1998 through 2000, and for other purposes.”, do pass with the following

**AMENDMENTS:**

Strike out all after the enacting clause and insert:

1 ***SECTION 1. SHORT TITLE.***

2       *This Act may be cited as the “FAA Research, Engi-*  
3 *neering, and Development Authorization Act of 1997”.*

4 ***SEC. 2. AUTHORIZATION OF APPROPRIATIONS.***

5       *Section 48102(a) of title 49, United States Code, is*  
6 *amended—*

7               *(1) by striking “and” at the end of paragraph*

8               *(2)(J);*

(2) *by striking the period at the end of paragraph (3)(J) and inserting in lieu thereof a semicolon; and*

(3) *by adding at the end the following:*

“(4) *for fiscal year 1998, \$226,800,000, including—*

“(A) *\$16,379,000 for system development and infrastructure projects and activities;*

“(B) *\$27,089,000 for capacity and air traffic management technology projects and activities;*

“(C) *\$23,362,000 for communications, navigation, and surveillance projects and activities;*

“(D) *\$16,600,000 for weather projects and activities;*

“(E) *\$7,854,000 for airport technology projects and activities;*

“(F) *\$49,202,000 for aircraft safety technology projects and activities;*

“(G) *\$53,759,000 for system security technology projects and activities;*

“(H) *\$26,550,000 for human factors and aviation medicine projects and activities;*

“(I) *\$2,891,000 for environment and energy projects and activities; and*

1                   “(J) \$3,114,000 for innovative/cooperative  
 2                   research projects and activities; and  
 3                   “(5) for fiscal year 1999, \$229,673,000.”.

4   **SEC. 3. RESEARCH GRANTS PROGRAM INVOLVING UNDER-**  
 5                   **GRADUATE STUDENTS.**

6           (a) *PROGRAM.*—Section 48102 of title 49, United  
 7   States Code, is amended by adding at the end the following  
 8   new subsection:

9           “(h) *RESEARCH GRANTS PROGRAM INVOLVING UN-*  
 10   *DERGRADUATE STUDENTS.*—

11           “(1) *ESTABLISHMENT.*—The Administrator of  
 12   the Federal Aviation Administration shall establish a  
 13   program to utilize undergraduate and technical col-  
 14   leges, including Historically Black Colleges and Uni-  
 15   versities and Hispanic Serving Institutions, in re-  
 16   search on subjects of relevance to the Federal Aviation  
 17   Administration. Grants may be awarded under this  
 18   subsection for—

19           “(A) research projects to be carried out at  
 20   primarily undergraduate institutions and tech-  
 21   nical colleges;

22           “(B) research projects that combine research  
 23   at primarily undergraduate institutions and  
 24   technical colleges with other research supported  
 25   by the Federal Aviation Administration; or

1           “(C) *research on future training require-*  
2           *ments on projected changes in regulatory re-*  
3           *quirements for aircraft maintenance and power*  
4           *plant licensees.*

5           “(2) *NOTICE OF CRITERIA.*—*Within 6 months*  
6           *after the date of the enactment of the FAA Research,*  
7           *Engineering, and Development Authorization Act of*  
8           *1997, the Administrator of the Federal Aviation Ad-*  
9           *ministration shall establish and publish in the Fed-*  
10          *eral Register criteria for the submittal of proposals*  
11          *for a grant under this subsection, and for the award-*  
12          *ing of such grants.*

13          “(3) *PRINCIPAL CRITERIA.*—*The principal cri-*  
14          *teria for the awarding of grants under this subsection*  
15          *shall be—*

16               “(A) *the relevance of the proposed research*  
17               *to technical research needs identified by the Fed-*  
18               *eral Aviation Administration;*

19               “(B) *the scientific and technical merit of*  
20               *the proposed research; and*

21               “(C) *the potential for participation by un-*  
22               *dergraduate students in the proposed research.*

23          “(4) *COMPETITIVE, MERIT-BASED EVALUA-*  
24          *TION.*—*Grants shall be awarded under this subsection*

1        *on the basis of evaluation of proposals through a com-*  
2        *petitive, merit-based process.”.*

3        (b) *AUTHORIZATION OF APPROPRIATIONS.—Section*  
4        *48102(a) of title 49, United States Code, as amended by*  
5        *this Act, is further amended by inserting “, of which*  
6        *\$750,000 shall be for carrying out the grant program estab-*  
7        *lished under subsection (h)” after “projects and activities”*  
8        *in paragraph (4)(J).*

9        **SEC. 4. NOTICES.**

10        (a) *REPROGRAMMING.—If any funds authorized by the*  
11        *amendments made by this Act are subject to a reprogram-*  
12        *ming action that requires notice to be provided to the Ap-*  
13        *propriations Committees of the House of Representatives*  
14        *and the Senate, notice of such action shall concurrently be*  
15        *provided to the Committees on Science and Transportation*  
16        *and Infrastructure of the House of Representatives and the*  
17        *Committee on Commerce, Science, and Transportation of*  
18        *the Senate.*

19        (b) *NOTICE OF REORGANIZATION.—The Administrator*  
20        *of the Federal Aviation Administration shall provide notice*  
21        *to the Committees on Science, Transportation and Infra-*  
22        *structure, and Appropriations of the House of Representa-*  
23        *tives, and the Committees on Commerce, Science, and*  
24        *Transportation and Appropriations of the Senate, not later*  
25        *than 30 days before any major reorganization (as deter-*

1 mined by the Administrator) of any program of the Federal  
2 Aviation Administration for which funds are authorized by  
3 this Act.

4 **SEC. 5. SENSE OF CONGRESS ON THE YEAR 2000 PROBLEM.**

5 With the year 2000 fast approaching, it is the sense  
6 of Congress that the Federal Aviation Administration  
7 should—

8 (1) give high priority to correcting all 2-digit  
9 date-related problems in its computer systems to en-  
10 sure that those systems continue to operate effectively  
11 in the year 2000 and beyond;

12 (2) assess immediately the extent of the risk to  
13 the operations of the Federal Aviation Administration  
14 posed by the problems referred to in paragraph (1),  
15 and plan and budget for achieving Year 2000 compli-  
16 ance for all of its mission-critical systems; and

17 (3) develop contingency plans for those systems  
18 that the Federal Aviation Administration is unable to  
19 correct in time.

Amend the title so as to read: “An Act to authorize the Federal Aviation Administration’s research, engineering, and development programs for fiscal years 1998 and 1999, and for other purposes.”.

Attest:

*Secretary.*

105<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION

**H. R. 1271**

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## **AMENDMENTS**